

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate

Number ST00577DE

This certificate, issued to **Aerodynamics Inc.
6544 Highland Road
Waterford, MI. 48327**

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations. * Certification basis is set forth in Type Certificate Data Sheet A20EU*

Original Product—Type Certificate Number: A20EU
Make: Fokker
Model: F-28 Mk 1000, Mk 2000, Mk 3000, Mk 4000

Description of the Type Design Change:

Installation of a Honeywell MKVIII Enhanced Ground Proximity Warning System with Dual TRA 45A Terrain Display/Radio Altitude Indicator in accordance with Genesis 3 Engineering Master Drawing List, Document No. GEN-040902-001, Revision A, dated March 03, 2005, FAA approved March 17, 2005 or later FAA approved revision.

Limitations and Conditions:

1. This approval should not be extended to aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft.
2. Instructions for Continued Airworthiness, Document No. GEN-040902-034, Revision IR, dated October 1, 2004, FAA accepted dated February 18, 2005, or later FAA accepted revision is required for this installation.
3. A copy of this certificate and FAA approved Airplane Flight Manual Supplement, Document No. GEN-040902-038, Revision IR, dated March 17, 2005, or later FAA approved revision must be maintained as part of the permanent records of the modified aircraft.
4. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: September 9, 2004

Date reissued: May 10, 2005

Date of issuance: March 17, 2005

Date amended:



By direction of the Administrator

Melissa Sandow (Signature)

Melissa Sandow (Signature) Small Airplane Program Manager
Northwest Mountain Region
Denver Aircraft Certification Office
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.